IN THE CLAIMS

Please find the claims to be in the form as follows:

Claim 1 (original): A method of recording an encoded bit stream, said encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, said method comprising:

recording a collection of contiguously arranged video objects in a video object storage area of said disc,

recording management information in a management information area of said disc for storing information about recorded video objects, wherein

said collection is partitioned into adjacent recordings that represent playable titles characterized by,

defining a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc, and

generating a title list of titles sorted in the order of arrangement within the video object area on the disc.

Claim 2 (original): A method according to Claim 1, characterized by defining a free space title that represent free space within the video object area and including the free space title in the title list.

Claim 3 (original): A method according to Claim 2, characterized by blocking free space titles for playback.

Claim 4 (original): A method according to Claim 3, characterized by converting a deleted title to a free space title.

Claim 5 (original): A method according to Claim 4, characterized by generating a title menu listing the titles in the same order as in the title table for allowing user access to the titles.

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Claim 6 (original): A recording apparatus for recording an encoded bit stream, representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc, the recording apparatus comprises:

recording means for recording a collection of contiguously arranged video objects in a video objet storage area of said disc and for recording management information in a management information area of said disc for storing information about recorded video objects, wherein said collection is partitioned into adjacent recordings that represent playable titles,

characterized in that, the recording apparatus comprises:

system control means adapted to define a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc and to generate a title list of titles sorted in the order of arrangement within the video object area on the disc.

Claim 7 (original): A recording apparatus according to Claim 6, characterized in that, the system control means are adapted to define a free space title that represents free space within the video object area and including the free space title in the title list.

Claim 8 (original): A recording apparatus according to Claim 7, characterized in that, the system control means are adapted to block free space titles for playback.

Claim 9 (original): A recording apparatus according to Claim 8, characterized in that, the system control means are adapted to convert a deleted title to a free space title.

Claim 10 (original): A recording apparatus according to Claim 9, characterized in that, the system control means are adapted to generate a title menu listing the titles in the same order as in the title table for allowing user access to the titles and the recording means comprises output means for displaying the title menu.

Claim 11 (previously presented): A method according to Claim 1, wherein generating the title

list of titles further comprises generating titles for both the playback sequence of all complete cells and the subset of complete cells.

Claim 12 (previously presented): A method according to Claim 11, wherein generating the title list of titles further comprises:

defining a free space title that represent free space within the video object area and including the free space title in the title list;

deleting at least one of the playback sequence of all complete cells and converting the deleted sequence into the free space title; and

wherein the free space title representing the deleted sequence includes the title for the subset of complete cells.

Claim 13 (previously presented): A method according to Claim 12, wherein generating the title list of titles further comprises:

deleting multiple ones of the playback sequence of all complete cells; and

converting all of the deleted ones of the playback sequences and the respective subsets of complete cells into a single free space title.

Claim 14 (previously presented): A recording apparatus according to Claim 6, wherein the system control means further generate the title list of titles for both the playback sequence of all complete cells and the subset of complete cells.

system control means adapted to define a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc and to generate a title list of titles sorted in the order of arrangement within the video object area on the disc.

Claim 15 (previously presented): A recording apparatus according to Claim 14, wherein the system control means generates a free space title representing free space within the video object area and including the free space title in the title list, deletes at least one of the playback sequence of all complete cells and converting the deleted sequence into the free space title, and

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wherein the free space title representing the deleted sequence includes the title for the subset of complete cells.

Claim 16 (previously presented): A recording apparatus according to Claim 15, wherein the system control means deletes multiple ones of the playback sequence of all complete cells, and converts all of the deleted ones of the playback sequences and the respective subsets of complete cells into a single free space title.

Claim 17 (previously presented): A recording apparatus for recording an encoded bit stream, representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on an optical disc, comprising:

a recorder capable of recording a collection of video objects in a video object storage area of said disc and for recording management information in a management information area of said disc for storing information about recorded video objects, wherein said collection is partitioned into adjacent recordings that represent playable titles; and

a controller adapted to define a playable title as a playback sequence of all complete cells or a subset of complete cells of a recording in the order of allocation within the video object storage area on the disc and to generate a title list of titles sorted in the order of arrangement within the video object area on the disc, wherein each of the playback sequence of all complete cells and each of the subset of complete cells have their own title.

Claim 18 (previously presented): A recording apparatus according to Claim 17, characterized in that, the controller is adapted to define a free space title that represents free space within the video object area and including the free space title in the title list.

Claim 19 (previously presented): A recording apparatus according to Claim 17, characterized in that, the controller is adapted to block free space titles for playback.

Claim 20 (previously presented): A recording apparatus according to Claim 17, characterized in that, the controller is adapted to convert a deleted title to a free space title.